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Device API

- BS2_GetDeviceInfo: 가
- BS2_GetDeviceTime: 가
- BS2_SetDeviceTime: .
- BS2_ClearDatabase: Blacklist
- BS2_FactoryReset:
- BS2_RebootDevice:
- BS2_LockDevice:
- BS2_UnlockDevice:
- BS2_SetKeepAliveTimeout: keep-alive
- BS2_UpgradeFirmware:
- BS2_UpdateResource:

BS2SimpleDeviceInfo

```
typedef struct
{
    uint32_t id;
    uint16_t type;
    uint8_t connectionMode;
    uint32_t ipv4Address;
    uint16_t port;
    uint32_t maxNumOfUser;
    uint8_t userNameSupported;
    uint8_t userPhotoSupported;
    uint8_t pinSupported;
    uint8_t cardSupported;
    uint8_t fingerSupported;
    uint8_t faceSupported;
    uint8_t wlanSupported;
    uint8_t tnaSupported;
    uint8_t triggerActionSupported;
    uint8_t wiegandSupported;
    uint8_t imageLogSupported;
    uint8_t dnsSupported;
    uint8_t jobCodeSupported;
    uint8_t wiegandMultiSupported;
    uint8_t rs485Mode;
    uint8_t sslSupported;
    uint8_t rootCertExist;
    uint8_t dualIDSupported;
    uint8_t useAlphanumericID;
```

```

    uint32_t connectedIP;
    uint8_t phraseCodeSupported;
    uint8_t card1xSupported;
    uint8_t systemExtSupported;
    uint8_t voipSupported;
}BS2SimpleDeviceInfo;

```

1. *id*

1

2. *type*

0x01	BioEntry Plus
0x02	BioEntry W
0x03	BioLite Net
0x04	Xpass
0x05	Xpass S2
0x06	Secure IO 2
0x07	DM-20
0x08	BioStation 2
0x09	BioStation A2
0x0A	FaceStation 2
0x0B	IO Device
0x0C	BioStation L2
0x0D	BioEntry W2
0x0E	CoreStation
0x0F	Output Module
0x10	Input Module
0x11	BioEntry P2
0x0F	OM-120

3. *connectionMode*

BioStar
mode(0x1) direct mode BioStar
↗ BioStar
IP Config

direct mode(0x0) server
server mode
direct mode

4. *ipv4Address*

IP

5. *port*

TCP

6. *maxNumOfUser*7. *userNameSupported*

flag

8. <i>userPhotoSupported</i>		flag
9. <i>pinSupported</i>	PIN	flag
10. <i>cardSupported</i>		flag
11. <i>fingerSupported</i>		flag
12. <i>faceSupported</i>		flag
13. <i>wlanSupported</i>		flag
14. <i>tnaSupported</i>		flag
15. <i>triggerActionSupported</i>	trigger action	flag
16. <i>wiegandSupported</i>	Wiegand	flag
17. <i>imageLogSupported</i>		flag
18. <i>dnsSupported</i>	DNS	flag
19. <i>jobCodeSupported</i>	Job Code	flag
20. <i>wiegandMultiSupported</i>	wiegandMulti	flag
21. <i>rs485Mode</i>	RS485	
22. <i>sslSupported</i>	ssl	flag
23. <i>rootCertExist</i>	root 가	flag
24. <i>dualIDSupported</i>	dualID(,)	flag
25. <i>useAlphanumericID</i>	AlphanumericID	flag

25. *connectedIP*

가 ip . (0xFFFFFFFF if disconnected)

26. *phraseCodeSupported*

flag .

27. *card1xSupported*

1.x ToC flag .

28. *systemExtSupported*

RS-485 flag .

29. *voipSupported*

VoIP flag .

BS2ResourceElement

```
typedef struct
{
    uint8_t type;
    uint32_t numResData;
    struct {
        uint8_t index;
        uint32_t dataLen;
        uint8_t* data;
    }resData[128];
}BS2ResourceElement;
```

1. *type*

0	UI(Language pack)	
1	Notice message	UTF-8
2	Image(Background)	PNG
3	Slide image	PNG
4	Sound	WAVE

2. *numResData*3. *index*4. *dataLen*5. *data*

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